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CLMPTO

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 A recording/viseing appart apparatus for supporting terrording or viewing a program selected by a user as a desired program from among programs scheduled to be aired as digital broadcasts, said apparatus comprising;

program specifying information obtaining means for obtaining program specifying information that specifies said destrey program based on as operation by said over:

weather forecast information obtaining means for obtaining, based on said program specifying information, weather forecast information for relevant weather at a incation where said digital broadcast is received during a broadcast time period of said desired program as relevant weather forecast information;

determining means for determining, based on sold relevant weather forecast information, whether said relevant weather will be so bedue not as to degrade said desired program in image quality or sound quality; and

notifying means for giving, when baid determining means determines that said relevant weather will be bad, a notice of a possibility of degradation in image quality or sound quality of suid desired program.

2. The recording/viewing support apparatus accuraing to claim 1. further comprising:

searching means for searching, when said determining means

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determines that said relevant venther will he had, for a same program to be alred at different time, which is a program that in equal in content to said desired program and is scheduled to be aired in a time period different from the broadcast time period of axid desired program; and

\$2000 Program information displaying means for displaying information that specifies said same program to be alred at different time found by said searching means.

3. The recording/viewing support apparatus according to Claim 1, wherein

waid program specifying information obtaining means includes:

receiving means for seceiving said digital broadcast and gamerating a transpart strong;

program information displaying means for displaying a program list bound on program sequence information included in said transport strans; and

input operation mesos, operated by the user for selecting said desired program from exong programs shown in seid program list, for obtaining said program specifying information hased on the operation by said user.

 The recording/viewing support apparatus according to claim 3, wherein

said program specifying information obtaining means

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program information displaying means for displaying
 program link based on program component information included in
 Said transport stream; and

input operation mason, operated by the user for selecting said desired program from among programs above in said program list, for obtaining said program specifying information based on the operation by said user, and

sold searching means searches for said same program to be aired at different time by using said program sequence information.

5. The recording/viewing support apparatus assording to claim 2. wherein

when spid searching means finds said news program to be elist at different time, said weather forecast information for weather obtaining means obtains weather forecast information for weather fixing a broadcast time period of said same program to be aired at different time as new relevant weather forecast information.

when said now relevant weather forecast information is obtained, said determining means determines, based on said now relevant weather forecast information, whether the weather during the broadcast time paried of said want program by be sired at different time will be so bed or not as to degrade said denired

program in image quality or sound quality, and producermined value, said determining means determines that said

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anid mutifying means gives the notice of the possibility of degradation in image quality or sound quality of wold comprogram to be aired at different time suring the broadcast time period when the venther is determined as tad.

6. The recording/viewing support apparatus according to claim 2, wherein

said searching means nearches not only digital banadosat programs but also enalog broadcast programs for said some program to be eited at different time.

Please amend claims 7-12 as follows

7. (Accorded) The recording/viewing support apparatus according to claim 1, unserving said weather forecast information obtaining means includes receiving means for receiving a data broadcast, and obtains said relevant sweather forecast information from said data broadcast.

8. (Amended) The recording/viewing support apparatus according to claim 1, wherein

said weather forecast information obtaining means includes interfacing means for accessing to the laternet, and obtains, through the interfacing means, said relevant weather forecast informations via the Interest.

9 (Amended) — The recording/virwing support apparatus according to claim 1, wherein

when a probability of precipitation included in said relovant weather forecast information is larger than a productermized value, said determining means determines that said relevant weather will be so bad as to degrade said distinct program in image quality or sound quality.

10 (Amended) The recording/slewing support apparatus according to claim 1, wherein

when a faundry index included in said relevant weather forecast information is smaller than a predetermined valve, said determining means determines that said relevant weather will be so had as to degrade said desired program in image quality or award quality.

II. (Amended) The recording/viewing support apparatus according to claim 1, further comprising:

storing means for storing correlation data that relates a probability of precipitation to a receive level deputation probability defined as a probability at which a receive level of said digital broadcess becomes smaller than a predetermined level thresheld value, wherein

said determining means calculates, based on said correlation data, the receive level degradation probability representation included in said relevant weather forceast

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information and, when the calculated receive level degradation probability is larger than a productionized probability threshold value, determines that said relevant weather will be so bad as to degrade said desired program in image quality or sound quality.

12. (Amtided) The recording/scoring support apparatus according to claim 1, further comprising:

straing means for storing correlation data that relates a laundry index to a receive level degradation probability defects as a probability at which a receive level of said digital broadcast becomes smaller than a predetermined level threshold value, wherein said determining means valuates, based on said correlation data, the receive level degradation probability corresponding to the launchy index included in said relevant weather foresast information and, when the calculated receive level degradation probability is larger than a predetermined probability threshold value, determines that said relevant weather will be so had as to degrada said desired program in image quality or sound quality.

13. A recording/viewing support apparatus for supporting recording or viewing a program swincted by a user as a desired program from among programs scheduled to be sized as digital broadcasts, said apparatus comprising:

program specifying information obtaining means for obtaining program specifying information that specifies said desired program based on an operation by said ware;

weather forecast information sotaining means for obtaining, based on said program apportiying information, weather forecast information for relevant weather at a location where said digital broadcast is received during a broadcast time period of said

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desired program as relevant weather torecast information;

9000000 80000 for storing correlation data that relates the weether forecast information to a receive level degradation probability defined as a probability at which a receive level of said digital broadcest in smaller than a productarings level threshold value; and

BOTIFYING MEANS for obtaining the receive level degradation [Modeshility corresponding to said relevant weather forecast information, and notifying said user of the obtained receive level degradation probability as information indicative of a pushibility of degradation in image quality or sound quality of said desired program.

14. The recording/viewing support apparatus according to claim 13, wherein

raid correlation data relates said receive level
degradation probability to a probability of precipitation or a
laundry index included in said relevant weather forecast
information.

Please add new claims as follows

- 25. (Now) The recording/viewing support apparatus according to claim 2, wherein said weather finecust information obtaining means includes receiving means for receiving a data broadcast, and obtains said selevant weather forecast information from said data broadcast.
- 16. (Mew) The recording viewing support apparatus according to claim 2, wherein said weather forcest information obtaining means includes interlicing means for accessing to the Internet, and obtains, through the interfacing means, said relevant weather forcests information via the Internet.
- 17. (New) The recording/viewing support apparatus according to claim 2, wherein when a probability of precipitation included in said relevant weather forecast information is larger than a predetermined value, said determining means determines that said relevant weather will be so had as to degrade said desired program in image quality or sound quality.

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18. (Few) The recording viewing support apparates according to claim 2, wherein when a laundry index included in said relovant weather forecast information is smaller than a productionated value, said determining means determined that said relevant vication will be so had at a degrade said desired program in image quality or sound quality.

 (New) The recurding/viewing support apparatus according to claim 2, further comprising;

stering means for storing correlation data that relates a probability of precipitation to a receive level degradation probability defined as a probability at which a receive level of said digital broadcast becomes smaller than a predeservined level threshold value, wherein

said determining means established, based on said correlation data, the receive level degradation probability corresponding to the probability of precipitation included in said relevant weather forecast information and, when the calculated receive level degradation probability is larger than a predetermined probability threshold value, determines that said relevant weather will be so had as to degrade said desired program in image quality or sound quality.

20 (New) The rescribing/viewing support apparatus according to claim 2, further comprising:

storing means for storing correlation data that relates a laundry index to a receive level degradation probability defined as a probability at which a receive level of raid digital broadcast becomes smaller than a predetermined level threshold value, wherein

said determining means calculates, based on said correlation data, the receive level degradation probability corresponding to the laundry index included in said relevant weather forecast information and, when the calculated receive level degradation probability is larger than a predetermined probability threshold value, determines that said relevant weather will be so had as so degrade said desired program in image quality or sound quality.